

NFA
5E0401
A0402
DUN 16-89

Hand used on soil contamination
Hand used on potential for GW + SW contamination

RECEIVED

JUN 1 1988

SITE DESCRIPTION/EXECUTIVE SUMMARY

Code 1

Site Name and Location

Pre-Remedial Unit

Detrex Chemical Industries
312 Ellsworth S.W.
Grand Rapids, Michigan 49503

County: Kent
Michigan Code Number:
DNR District: Grand Rapids
EPA ID Number: MID020906764

SAS Score/Screen No.: Not listed

less sketch map
has PR +
VSI

The Detrex facility in Grand Rapids is presently involved in the handling and storage of hazardous waste. The compounds presently stored are PERC, TCE, 1-1-1 TCA, methylene chloride and freon. The facility previously recycled solvent waste, but ceased this practice in September, 1987, due to licensing difficulties. This reclamation process occurred in the basement of the facility, which is lined with a cement floor and walls. A total of 2,000 gallons of waste could be stored in these tanks. During the reclamation process, the tanks overflowed small amounts of waste on a consistent basis (this was supposedly contained by the cement floor and walls). Drum storage presently occurs on the first floor of the building. This floor is wooden so that waste, if spilled, would flow to the basement. Some drums were previously stored in the basement. The basement floor does show the evidence of some spills. The facility's RCRA coordinator was not aware of any spills occurring from drums on the first floor. Contaminated soils were detected on the east side of the building by MDNR sampling in 1985. These soils were removed. No monitoring wells are presently in place.

what well contaminants?

Product is also stored on site. Three above-ground bulk storage tanks are presently located on the south side of the building. No releases have been documented from these tanks. Some drummed product (primarily freon) is presently stored on the first floor also.

Hours Spent: 10 + _____ + _____ + _____ + _____ = _____
Initial & Date: WPT _____

Date of Previous Summary:
Previous Author:

Current Date: 5/18/88
Author: Nancy Johnson

Site Assessment Unit
Environmental Response Division
Michigan Dept. of Natural Resources



US EPA RECORDS CENTER REGION 5



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MI 020906764

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Detrex Chemical Industries		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 312 Ellsworth			
03 CITY Grand Rapids	04 STATE MI	05 ZIP CODE 49503	06 COUNTY Kent	07 COUNTY CODE	08 CONG DIST
09 COORDINATES LATITUDE -----		LONGITUDE -----			

10 DIRECTIONS TO SITE (Starting from nearest public road)

I-131 to Wealthy St. exit. West on Wealthy to Grandville Ave. North on Grandville Ave. to Ellsworth. Southeast on Ellsworth approx 1 block - site on east side of road.

III. RESPONSIBLE PARTIES

01 OWNER (if known) Detrex Corporation		02 STREET (Business, mailing, residential) P.O. Box 5111			
03 CITY Southfield	04 STATE MI	05 ZIP CODE 48086	06 TELEPHONE NUMBER (313) 358-5800		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		

13 TYPE OF OWNERSHIP (Check one)

- ☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

- ☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103(a)) DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE <u>5/5/88</u> MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)	
CONTRACTOR NAME(S): _____			

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION <u>late 1960's</u> <u>present</u> BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Perchloroethene 1,1,1 trichloroethane
trichloroethane methylene chloride
Freon

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

groundwater
soil

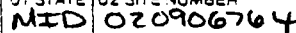
V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Dale De Kraker	02 OF (Agency/Organization) MDNR - Waste Management Division		03 TELEPHONE NUMBER (616) 456-5071	
04 PERSON RESPONSIBLE FOR ASSESSMENT Nancy Johnson	05 AGENCY MDNR	06 ORGANIZATION Site Assessment	07 TELEPHONE NUMBER (517) 373-4800	08 DATE <u>5/18/88</u> MONTH DAY YEAR



I HIGHLY VOLATILE
 J EXPLOSIVE
 K REACTIVE
 L INCOMPATIBLE
 M NOT APPLICABLE

VL SOURCES OF INFORMATION: (Cite specific references, e.g., state laws, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MID 020906764

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

There are no monitoring wells on-site. No documented gw contamination (no testing).
The basement area, which is used for containment, has a cement floor & walls; potential
that over the years waste may have escaped thru cracks.

01 ☐ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A The Grand River is located approx 1/2 mile from the site; no overland
connection to river; Gw discharge to SW unknown

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A none documented

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A - all wastes are contained w/in building; contaminated soils outside
building have been removed

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

by - Soils on the east side of the building were found to be contaminated

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A - area is served by the Grand Rapids municipal supply. No private
wells are known to exist in the area. The GR supply obtains water
from Lake Michigan and the Grand River (upstream from the facility)

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A no injury documented

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

the facility is located in an industrial area, with residences located
approximately ?



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MD 020906764

I. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Soils/runoff/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

-soils on the east side of the facility were documented to be contaminated from organics. this may have resulted from past transfer practices from rail car to tank. Soils were removed and area was paved.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None known

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None documented

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

I. TOTAL POPULATION POTENTIALLY AFFECTED: _____

II. COMMENTS

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

MDNR Waste Management Division, Lansing & Grand Rapids

PR - PRELIMINARY REVIEW FORMAT
FOR: U.S. EPA REGION V

Date 5/17/88
By N Johnson-MDNR

SITE AND LOCATION: Dextrex Chemical Industries (Gold Shield Solvents)
312 Ellsworth S.W.
Grand Rapids, MI 49503

1. Brief background on facility operation, any environmental problems, environmental setting, and groundwater monitoring. The facility started operations in the late 1960's. It presently only stores waste for transport to its Detroit facility. Until 9/87, it was also a reclaimer of chlorinated solvents. This process occurred in the basement of facility (cement floor and walls), which acted as the containment structure. Drums of waste are stored on the 1st floor. Contaminated soils were detected on-site in 1985. These were removed. No monitoring wells are located on-site.
2. (a) Description of the unit-dimensions, what unit consists of (i.e., pads, sumps, containment devices), what operation was/is performed in unit.
 - waste solvent drum storage area - size is approximately 50' x 150', entrance ways have cement curbing to prevent movement of wastes outside of building; store wastes here until removal to Detroit Dextrex office.
 - Solvent reclaiming tanks - these are located in the basement of the facility; they are no longer used + are empty; when used, the tanks would overflow overflow small amounts of waste on a frequent basis to basement floor (concrete). Total amount that tanks held was approximately 2000 gallons.
- (b) Dates of operation and closure, if applicable.
 - waste solvent drum storage area \Rightarrow still in operation as of 5/5/88; put into operation in '60's
 - solvent reclaiming tanks \Rightarrow these tanks were put out of operation as of 9/87. Were put into operation in '60's.

(c) Types of wastes managed, total capacity/volume, capacity of waste presently stored and the process rate, and if known the possible and probable hazardous constituents.

FOO1, FOO2 waste on-site (primarily, FOO1 waste)

- 170 drums of waste on-site during 5/5/88 visit (freon, perchloroethylene, trichloroethylene)

(d) Any types of release controls within the unit (i.e., liners, diking, air emission controls, etc.).

- waste solvent drum storage area - drums are stored on the 1st floor.

this floor is wooden so that any leaks would go through the floor and end up in the basement, which is cement-lined. This 1st floor area is curbed to prevent runoff.

- solvent reclaiming tanks - these tanks are located in the basement. The basement has cement walls and a cement floor, with no drains.

(e) History of any releases from the unit.

- waste solvent drum storage area - none known

- solvent reclaiming tanks - when in operation, these tanks were known to overflow small amounts of waste on occasion.

(f) Informational needs to be obtained through the USI.

N/A

3. Site map and facility drawing delineating each SWMU. (attach)

VSI - VISUAL SITE INSPECTION FORMAT
FOR: U.S. EPA REGION V

Date 5/7/88
By N. Johnson - MGNR

Site and Location: Detrex Chemical Industries - Gold Shield Solvents
312 Ellsworth S.W.
Grand Rapids, MI 49503

For all known SWMU's denoted in the PR, plus any new units located.

1. In depth background section on the facility:

(a) waste handling procedures: the facility is a handler and was
a reclaimer of waste chlorinated solvents. They stopped
all reclaiming activities in 9/87. Facilities bring in waste
for transfer to Detrex-Detroit facility. Waste previously reclaimed
on-site. This facility also distributes product (Perc, TCE, 1-1 TCA,
Freon).

(b) types of wastes managed and frequency of handling _____
Freon
perchloroethylene
trichloroethene } 170 drums of waste on-site during 5/5/88
visit. Also drums and tanks of product on-site,
but no known releases from these.
1-1-1 trichloroethane - no waste (only product) on-site during
5/5/88 visit

(c) nature of business of the facility distributor of chlorinated
solvents; was past reclaimer of chlorinated solvents, also
accepts waste for transfer to Detrex-Detroit facility.

(d) primary concerns for releases to all media _____

(e) any proposed processing units or waste handling units no

(f) proposed remediations that the facility is going to implement _____

none known

2. Specific description of environmental setting.

(a) geology and soils soils primarily composed of clay with

numerous sand layers throughout the 1st 25 feet

(b) surface water and floodplain impact The Grand River is located

approximately 1/2 mile to the west. There is no indication that
this site has any impact on the River.

(c) climate _____

(d) groundwater depth to groundwater is unknown, although
borings to 25' onsite did not encounter any water

(e) human and environmental receptors located in primarily an
industrial area

3. Release pathways and potential for releases to:

(a) soils soil was documented to be contaminated. This
soil has been removed (approx. 312 yds³)

(b) surface water no overland route for waste to reach
river

(c) groundwater the basement containment area is cemented,
although the integrity of the cement over time to
contain the waste overflows could be questioned

(d) air no known releases

(e) subsurface gas ~~_____~~

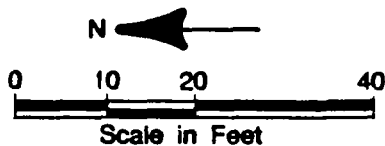
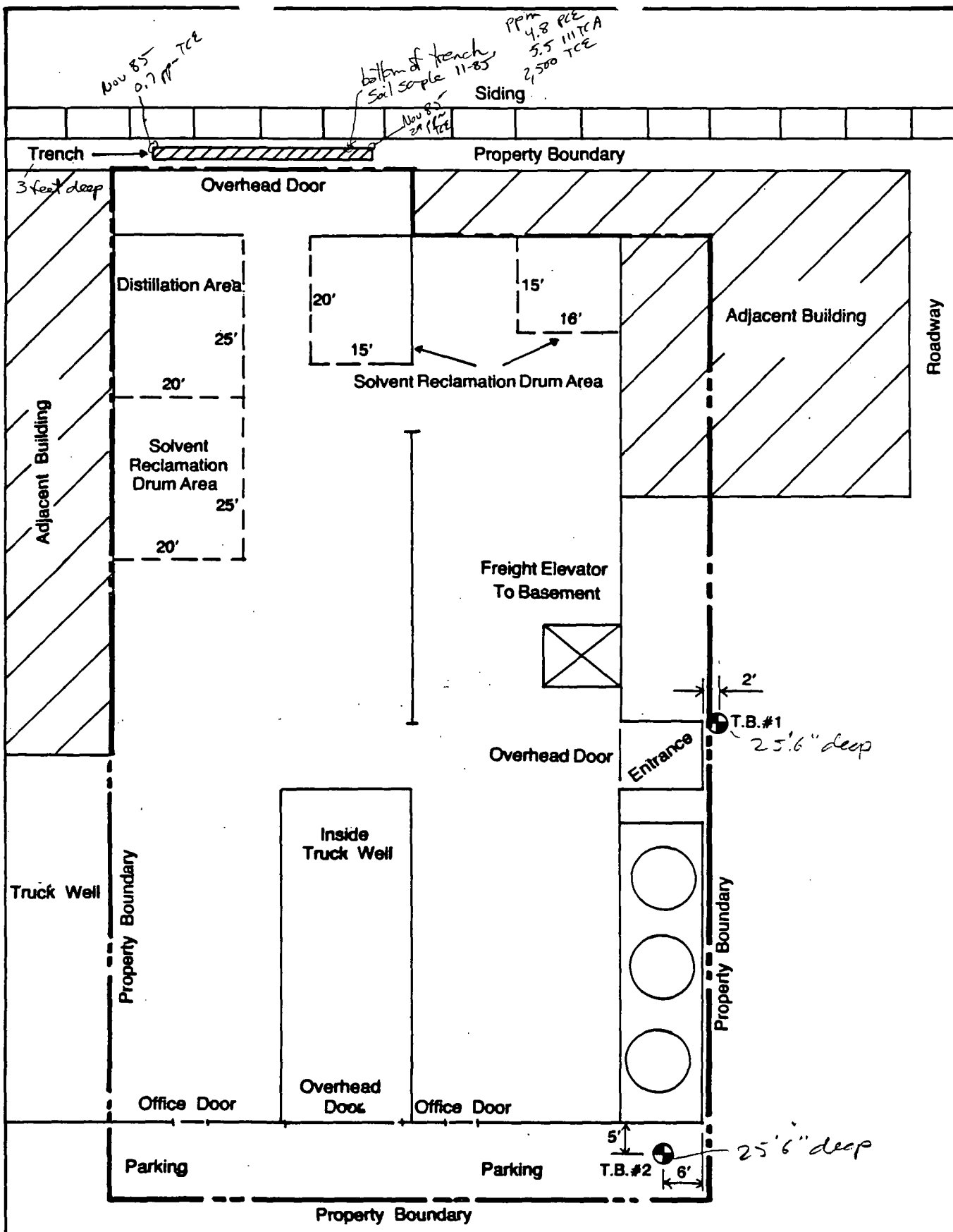


Figure 2
Details of the Warehouse Site

Gold Shield Solvents
Grand Rapids, Michigan

May, 1986

20510